



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1184

SERIAL NUMBER 10/728,863	FILING DATE 12/08/2003  RULE	CLASS 375	GROUP ART UNIT 2637	ATTORNEY DOCKET NO. 2003-1782
-----------------------------	---------------------------------------	--------------	------------------------	----------------------------------

APPLICANTS

Hisashi Adachi, Osaka, JAPAN;

Toshifumi Nakatani, Osaka, JAPAN;  
 Hiroaki Kosugi, Osaka, JAPAN; Masakatsu Maeda, Kyoto, JAPAN;  
 Shunsuke Hirano, Kanagawa, JAPAN;

\*\* CONTINUING DATA \*\*\*\*\*  
 This application is a DIV of 09/733,949 12/12/2000 PAT 6,717,998 *BD*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*  
 JAPAN P11-352964 12/13/1999 *BD*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 01/16/2004

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY JAPAN	SHEETS DRAWING 13	TOTAL CLAIMS 1	INDEPENDENT CLAIMS 1
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged <i>BD</i> Examiner's Signature	Initials			

ADDRESS  
 000513  
 WENDEROTH, LIND & PONACK, L.L.P.  
 2033 K STREET N. W.  
 SUITE 800  
 WASHINGTON , DC  
 20006-1021

TITLE  
 Frequency synthesizer apparatus equipped with fraction part control circuit, communication apparatus, frequency modulator apparatus, and frequency modulating method

FILING FEE	FEES: Authority has been given in Paper	<input type="checkbox"/> All Fees
RECEIVED 770	No. _____ to charge/credit DEPOSIT ACCOUNT	<input type="checkbox"/> 1.16 Fees ( Filing )
	No. _____ for following:	<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
		<input type="checkbox"/> 1.18 Fees ( Issue )
		<input type="checkbox"/> Other _____